

Anhad Chadha

Computer Science Honours
University of Waterloo, Canada

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SUMMARY OF QUALIFICATIONS

- 4+ years of experience in OOP languages (C++ & JavaScript) with expertise in coding industry standards.
- 2+ years of experience in Automated Testing (Selenium& Jenkins) for developing and executing test plans.
- 1+ year of experience in Kotlin/Android Studio to build UIs using professional design frameworks.
- 1+ years of experience with databases (using MySQL) for data analytics and SQL Injections.
- Advanced Coursework completed on Data Structures and Algorithms, Operation Systems, OOP Design.

SKILLS

Programming Languages: C++14, C, Bash, JavaScript, Kotlin, SQL, Python, Java, R

Technologies: HTML, CSS, Selenium, Android Studio, Azure, Jenkins, K6, SQLite, MSOffice

Tools: Visual Studio, IntelliJ IDEA, Git, BrowserStack, Postman, DevTools

PROFESSIONAL EXPERIENCE

Vretta Inc, Software Developer / Toronto, ON

September 2022—December 2022

- Achieved Reduction in workload by 600% by developing **automated tests** using **Selenium** and **JS**.
- Utilized **K6** to create and conduct **load tests**, effectively evaluating the performance of the Web API.
- Coordinated with the QA team to design and execute comprehensive **regression testing** plans
- Trained 3 team members on Selenium to enable Knowledge Transfer and continuity of smooth operations

Microsoft, Project Intern / Toronto, ON

January 2022—April 2022

- Presented an AI Financial Coach to help new investors make safe and informed decisions with their money.
- Researched Azure services such as **ML Designer**, App services, **Azure Databases** to exceed **Cloud Computing** requirements
- Achieved industry recognized certifications: [Azure Fundamentals \(AZ-900\)](#) and [Azure AI Fundamentals \(AI-900\)](#)

PROJECTS

Course Admitter

- Developed and an **automated algorithm** using **Selenium** and **JavaScript** that would automatically enrol you into a course if there is space.
- Run periodically using **BrowserStack** and is 12 times faster than current portal at University of Waterloo.

Sorting Visualizer

- Developed and designed a graphical representation of sorting algorithms i.e. (Bubble, Insertion, Heap, Merge and Quick Sort) using **JavaScript**, **CSS**, and **HTML**.
- Achieved mastery in core concepts of sorting data structure as well as web development frameworks.

Android App for mark management of University Courses

- Designed an android app using **Kotlin** and **Android Studio** to visualize University degree progress.
- Applied Statistic concepts such as Standard Deviation, Pie Chart and Bar Graph and coded them with **JavaFX**.

EDUCATION

University of Waterloo, Computer Science Honours

September 2020-Present

Relevant Courses: Data Structures, Algorithms, Operating Systems, User Interfaces, Graph Theory

VOLUNTARY EXPERIENCE

University of Waterloo, Events Manager / Jam Network (Music Club)

January 2022—April 2022

- Organized and planned End of Term concert with over 20 bands and 300 live audience members.
- Hosted over 30 events and increased club size by 250% from 600 to 1500 members.

Super Singh Comics, Sales Associate

December 2019—February 2020

- Assisted in the set up of Annual Comics festival (Comic-Con) organized at New Delhi, India.
- Successful in selling comics and merch worth 600,000 INR (10,000 CAD).